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| - | 1449B/PTO | | | Application Number | 10/696,790 (informal) | | |
| | MATION | | | Filing Date | October 30, 2003 | | |
| STATEMENT BY APPLICANT | | | LICANT | First Named Inventor | ALBERT J. SHIH ET AL. | | |
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| (use as many sheets as necessary) | | | | Examiner Name | Unknown breene | | |
| heet | 1 | of | 1 | Attornéy Docket Number | UOM 0305 PUS | | |

| | RIOR ART NON PATENT LITERATURE DOCUMENTS | | | | | |
|--|--|-----------|---|--|--|--|
| | Examiner Initials | Cite No.¹ | Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published. | | | |
| | A | 1 | Barnhart, J., "Manufacture, Characterization and Application of Cellular Metals and Metal Foams," PROGRESS IN MATERIAL SCIENCE, v. 46, pp. 559-632 (2001) | | | |
| | | 2 | Lu, T.J. et al., "Heat Transfer in Open-Cell Metal Foams," ACTA MATERIALA, v. 36, pp. 3619-3635 (1998) | | | |
| | | 3 | KANTHAL HANDBOOK - HEATING ALLOYS FOR ELECTRICAL HOUSEHOLD APPLIANCES, Kanthal AB, Sweden, 2001 | | | |
| | | 4 | Blacker, T., "The Cooper tool," 5th International Meshing ROUNDTABLE, Sandia National Laboratories, pp. 13-30 (1996) | | | |
| | | 5 | Floyd, D., "Fluid Properties of Open Cell Sintered Iron Based Porous Metal Structures, Experimental Results and Discussion," Porvair Fuel Cell Technical Report (2001) | | | |
| | | 6 | Calmidi, V.V. et al., "Forced Convection in High Porosity Metal Foams," Journal of Heat Transfer, Vol. 122, pp. 557-565 (2000) | | | |
| | | 7 | Hwang, J.J. et al., "Measurement of Intersititial Convective Heat Transfer and Frictional Drag for Flow Across Metal Foams," JOURNAL OF HEAT TRANSFER, Vol. 124, pp. 120-129 (2002) | | | |
| | Jus | 8 | Qu, J. et al., "Development of the Cylindrical Wire Electrical Discharge Machining Proces: Part I: Concept, Design, and Material Removal Rate," ASME JOURNAL OF MANUFACTURING SCIENCE AND ENGINEERING, Vol. 124, No. 3, pp. 702-707 (2002) | | | |
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| Examiner | | m 02 | Date | | 1-11- |
| Signature | Som ! | 1. | Considered | 0 | 126/07 |

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